

Kuritsyna, A. D. and Meinster, P. G.
DETERMINATION OF THE HARDNESS OF POLYMERIC
MATERIALS AT ELEVATED TEMPERATURES.

15 Aug 62 [6]p. 1 ref.

Order from OTS or SLA \$1.10

62-18966

Trans. of #Zavodsk[aya] Lab[oratoriya] (USSR) 1962,
v. 28 [no. 4] p. 491-493.

DESCRIPTORS: *Plastics, Hardness, Temperature,
Measurement.

The hardness and relative elasticity of plastics were
measured at temperatures of 20° to 150° C. on a Rock-
well-Superficial apparatus. Treatment of the data ob-
tained permitted detection of the critical points cor-
responding to transition of the polymers to different
physical states. It was shown that the reversible re-
duction of the depth of penetration, for the majority of
(Materials--Plastics, TT, v. 9, no. 7) (over)

62-18966

I. Kuritsyna, A. D.
II. Meinster, P. G.

230498

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On a Method of Measuring the Hardness and the
Coefficient of Elastic Restoration of Plastics,
by A. D. Kuritsyna, P. G. Meinstek, 4 pp.

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1961, pp 1030-1033.

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Bimetal During Heat Treatment, by A. D.
Ruditskiy, et al.

RUSSIAN, 1959, Metal i Term Obra Metallor,
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I. Kuriyama

Effects of Swelling Agent on the Thermal
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Part 1. Dependence on the Concentration
of the Swelling Agent, for Dimensional
Changes at a Constant Temperature, by
I. Kuriyama.

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NTC 72-10385-11E

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Heat-treated Polyethylene Terephthalate Fibers.
Part I. The Temperature Dependence of the Thermal
Contractions at Equilibrium, by I. Kuriyama,
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NTC 69-11459-118

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Prevention of Hot Cracking in Welding, by
C. A. Kurkin,

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alloy sheet structures

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Technology of Production of Welded Structures,
by S. A. Kurkin. 16 pp.

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1962, pp 67-80. 9680461

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Universal Instrument for Infrasonic Frequencies
(UPINCH), by N.S. Kurkina, Yu.L. Kurkin, R.D.
Matsenashvili, A.N. Shumskiy, S.T. Shumskaya, 3 pp.

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Device, by Yu. L. Kurkin, N. S. Kurkina, R. D.
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Universal Instrument for Infrasonic Frequencies
(UPINCH), by N.S. Kurkina, Yu.L. Kurkin, R.D.
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NTC 69-11454-07D

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Rept. no. 5 of Studies on Ammonia-Pressurized
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61-18680

Trans. of Tokyo Kogyo Shikensho Hokoku (Japan) 1961,
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DESCRIPTORS: *Ammonia, Chemical reactions, *Mela-
mine, Synthesis, Pressure, Decomposition, Conden-
sation reactions, *Cyano radicals, *Guanidines.

The study was conducted as proof of the effect of
ammonia in the ammonia-pressurization method.
First, dicyandiamide was fused into a thin layer at
213°C in order to avoid the accumulation of reaction
heat, and by analysing the composition of the reac-
tion system at regular intervals, the intermediate
formation of cyanamide, biguanide, cyanomelamine,
(Chemistry--Organic, TT, v. 7, no. 5) (over)

61-18680

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II. Yanagiya, K.
III. Title: Studies...

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SLA 60-18156

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A STUDY OF THE DEAMMONIATION REACTION.
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Synthesis of Melamine. [1961] 12p. 10 refs.
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61-18680

I. Kurabayashi, M.
II. Yanagiya, K.
III. Title: Studies...

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The method is characterized by the synthesis of 2-cyan-
 amino-4-6-diamino-1-3-5-triazine (cyanomelamine or
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